

(No Model.)

W. E. RICHARDS.
DEVICE FOR PARTITIONING DRAWERS, &c.

No. 490,987.

Patented Jan. 31, 1893.

Fig. 1.

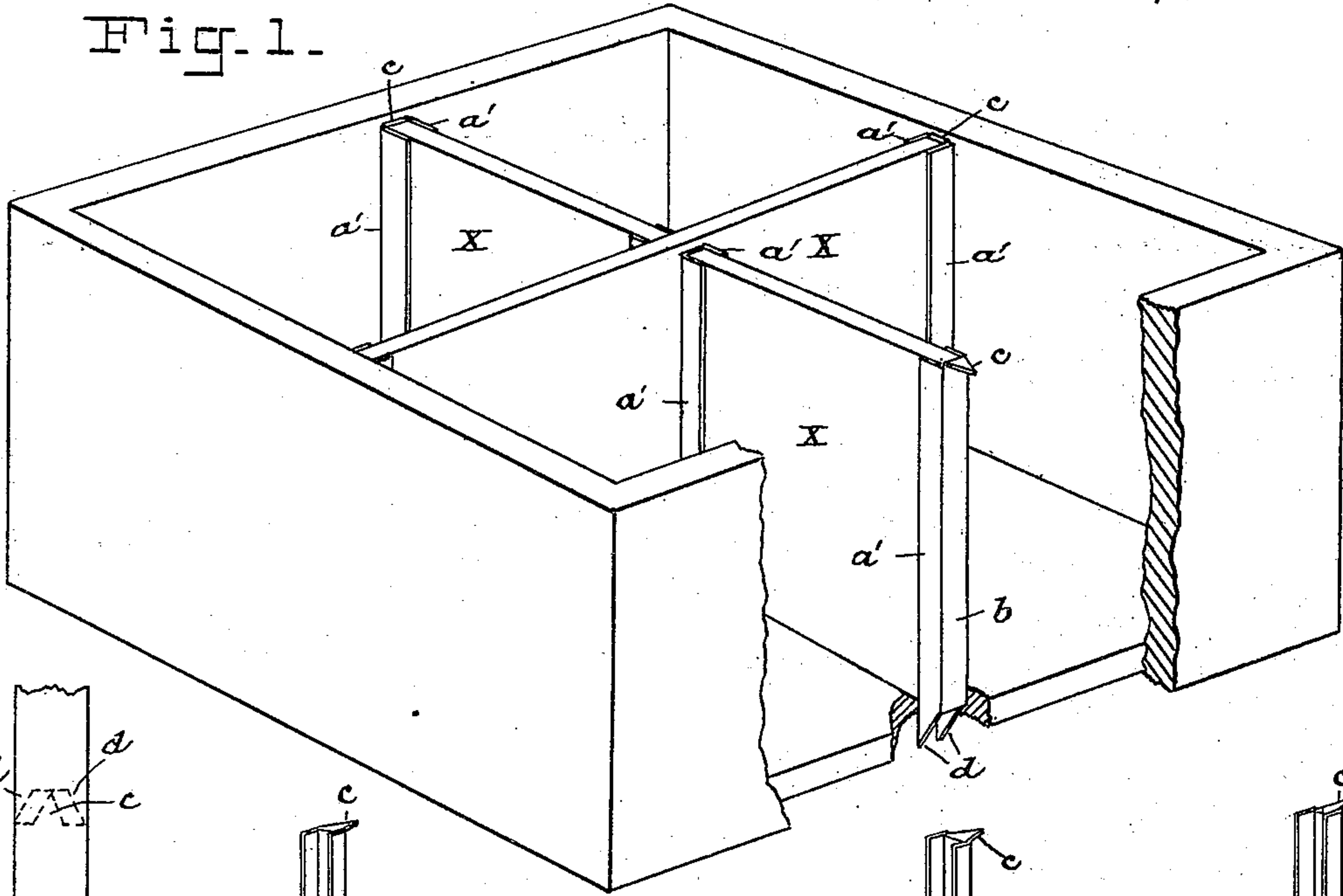


Fig. 2.

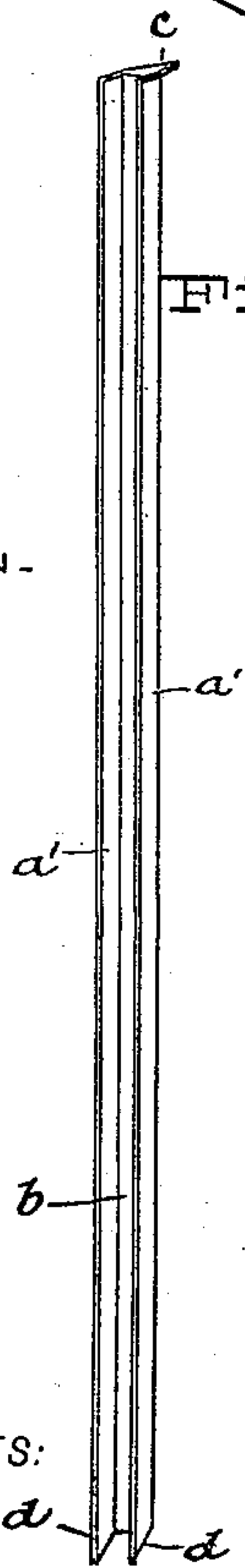


Fig. 3.

Fig. 4.

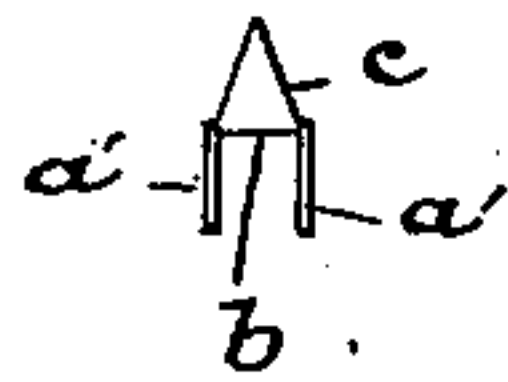


Fig. 5.

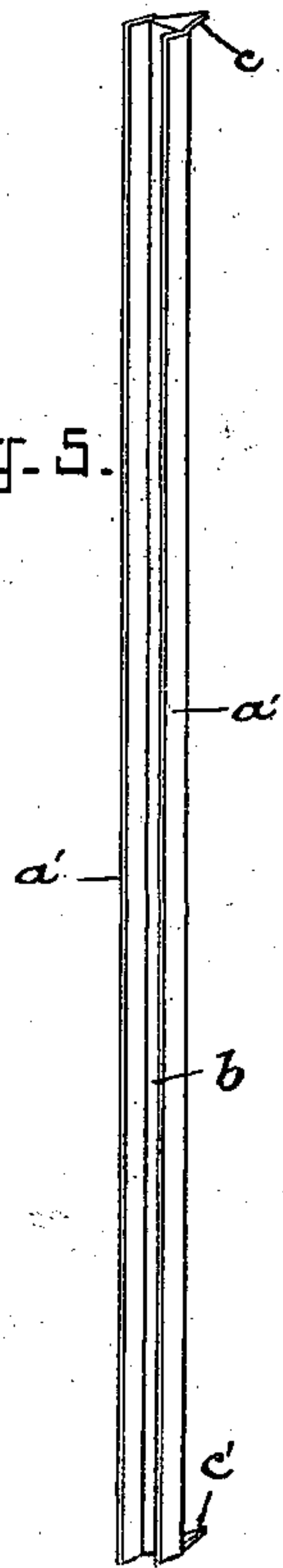
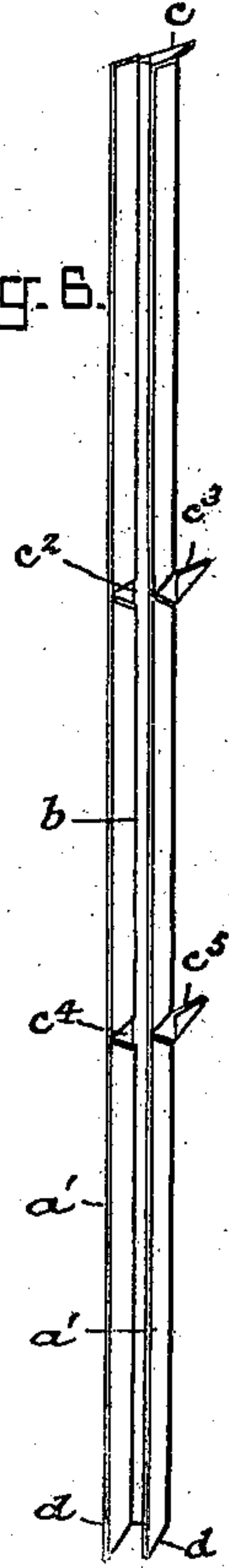


Fig. 6.



WITNESSES:

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DEVICE FOR PARTITIONING DRAWERS, &c.

SPECIFICATION forming part of Letters Patent No. 490,987, dated January 31, 1893.

Application filed July 1, 1892. Serial No. 438,686. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. RICHARDS, a citizen of the United States, residing at 203 Broadway, in the city, county, and State of New York, have invented a certain new and useful Device for Partitioning Drawers and other Structures, of which the following is a full, clear, and exact specification.

Heretofore drawers and other like structures have been divided into separate compartments by means of either permanent partitions, or by cutting grooves or channels in the walls of the structure, into which the partition pieces are placed. But these methods, besides being inconvenient, usually necessitating the employment of a carpenter or other skilled workman, mutilate the structure, and will in time, owing to frequent cuttings if the partitions are moved a number of times, spoil the same or make it unsightly or unfit for use. Besides this, neither of these methods of partitioning secure the degree of adjustability that is desirable.

The object of my invention is to provide a device by which drawers or other structures may be partitioned without cutting or otherwise mutilating the walls of the structure; which shall be simple in operation, inexpensive to manufacture, and by means of which the partitions may be moved from place to place at any time and as often as desired, and adjusted at will by any person, however inexperienced.

Referring now to the drawings which illustrate my invention, and which form a part of this specification: Figure 1 is a view in perspective of a drawer with my improved device applied thereto. Fig. 2 is a view of a metal sheet or strip from which the support shown in Fig. 3 may be formed. Fig. 3 is a perspective view of one form of support complete. Fig. 4 is a top view of the support shown in Fig. 3. Figs. 5 and 6 show modified forms of said support.

My invention, as will be seen in the drawings, consists in providing an adjustable support for the partition piece, that may be attached or secured to any part of the walls of the structure that it may be desired to divide into separate compartments, and that will, when so placed, securely hold the partition piece in the desired position. This support,

as I call it, may be made of any desired material, light sheet metal such as iron or brass, being suitable for the purpose. I show my preferred form of support in Figs. 1, 2, 3 and 4. It consists of a strip of metal *a* bent up upon two of its sides to form side walls or jaws *a'*, *a'*, which are adapted to receive and retain between them the partition piece *X*, as hereinafter more fully explained, the support being also provided with spurs or projections *c*, *d*, which are so constructed and arranged that they may be forced into the walls or bottom of the structure to be partitioned, for the purpose of retaining the support in the desired position.

The blank when cut out of the metal, is of the form shown in dotted lines in Fig. 2. The parts or sides *a'*, *a'*, are then bent upward at a right angle or nearly so, to the back or part *b*, and the spur or part *c*, is also bent at a right angle or nearly so, to the part *b* but in the opposite direction to which the sides *a'*, *a'*, are bent. The sides *a'*, *a'*, are also provided at their lower ends with spurs or points *d*, which extend beyond the end of the part *b*.

My device is used as follows: The lower portion of the device (that is the points or spurs *d*) is pressed into the bottom of the drawer or other structure which it is desired to partition off, the part *b* being kept toward and in close proximity to the side of the structure. After these spurs *d*, *d*, have been pressed the desired distance into the bottom of the structure, the part or spur *c* is pressed into the side of the same and the device will thus be held securely in position. One of the supports is then placed in the same manner, in a corresponding portion of the opposite side of the drawer, or other structure. A partition piece *X* is then inserted between the jaws or sides *a'*, *a'*, of each device, and pressed down as far as desired. The insertion of this partition piece *X*, will serve to press the devices more closely toward the sides of the structure, and hold them firmly in place.

In Fig. 5, I have shown a modified form of support in which but two spurs *c*, *c'*, are used, one being formed at each end of the back or part *b* of the supports.

In Fig. 6, I have shown another modification in which additional spurs *c*², *c*³, *c*⁴, *c*⁵, are formed by cutting them from the metal com-

posing the side walls a' , a' , of the support. If the surface to be partitioned is large, these additional spurs formed at suitable intervals along the side walls or parts a' , a' , of the support, will be useful, and aid in retaining the support securely in position.

It should be understood that I do not confine myself to the precise construction herein described and shown, as it will be evident that many modifications in form and structure may be made without departing from the spirit of my invention, as for instance the back or part b , and the side walls a' , a' , may be formed of wood or other suitable material, and suitable spurs or projections be attached thereto in any suitable way.

Having now particularly described my invention what I claim as new and desire to secure by Letters Patent is:

1. A device for partitioning drawers and other structures, consisting of a body portion adapted to receive and retain a partition piece, and provided with spurs, for attaching said device to the structure to be partitioned, substantially as shown and described.

2. A device for partitioning drawers and other structures, consisting of a channeled body portion adapted to receive and retain a partition piece, and provided with spurs, for attaching said device to the structure to be partitioned, substantially as shown and described.

3. A device for partitioning drawers and other structures consisting of a channeled body piece having spurs for engaging with the side and bottom of the structure, substantially as described.

4. A device for partitioning drawers and other structures provided at one end with a part adapted to engage the bottom of such structure and at the other end with a part adapted to engage the side of said structure, substantially as shown and described.

5. In a device for partitioning drawers and other structures, made as described, the channeled body piece having the side pieces forming the channel, extended at their lower end to a point forming spurs for engaging the bottom of such structure, substantially as shown and described.

6. A device for partitioning drawers and other structures, consisting of a body portion b , side pieces bent at an angle thereto, and continued at their lower end to a point, the top of part b being also continued to a point and bent in the opposite direction to the side pieces, substantially as shown and described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

WILLIAM E. RICHARDS.

Witnesses:

E. K. STURTEVANT,
A. J. UNDERHILL.